

200230 "20T+00"

Fig. 1. Reporting Cell Response to β NF and Tissue Extracts

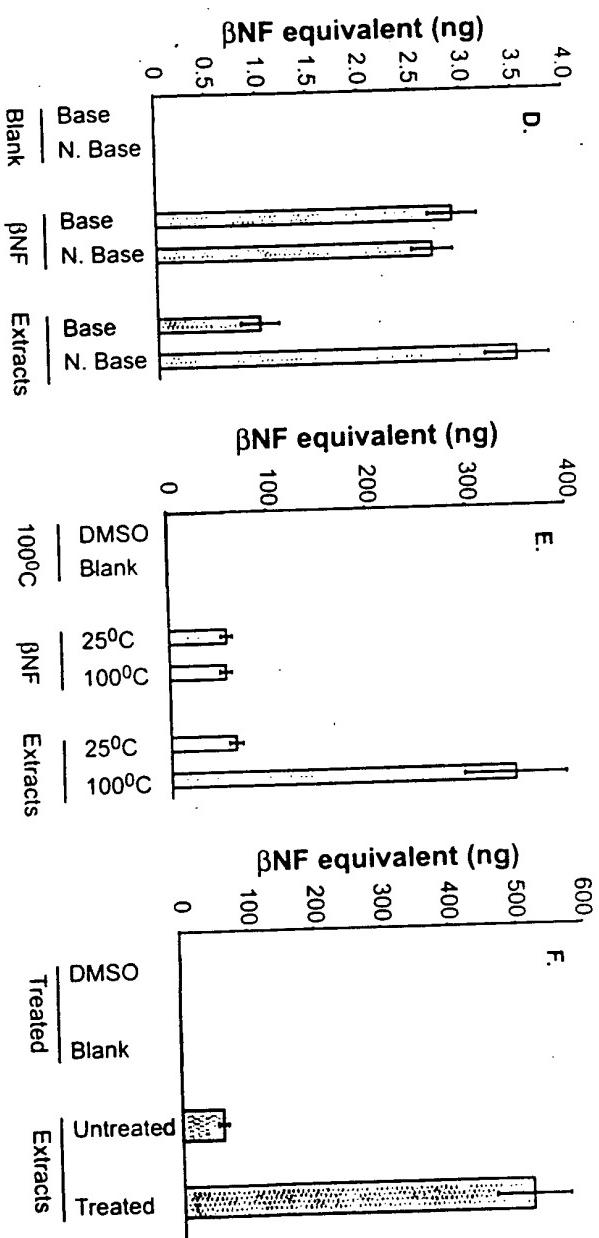
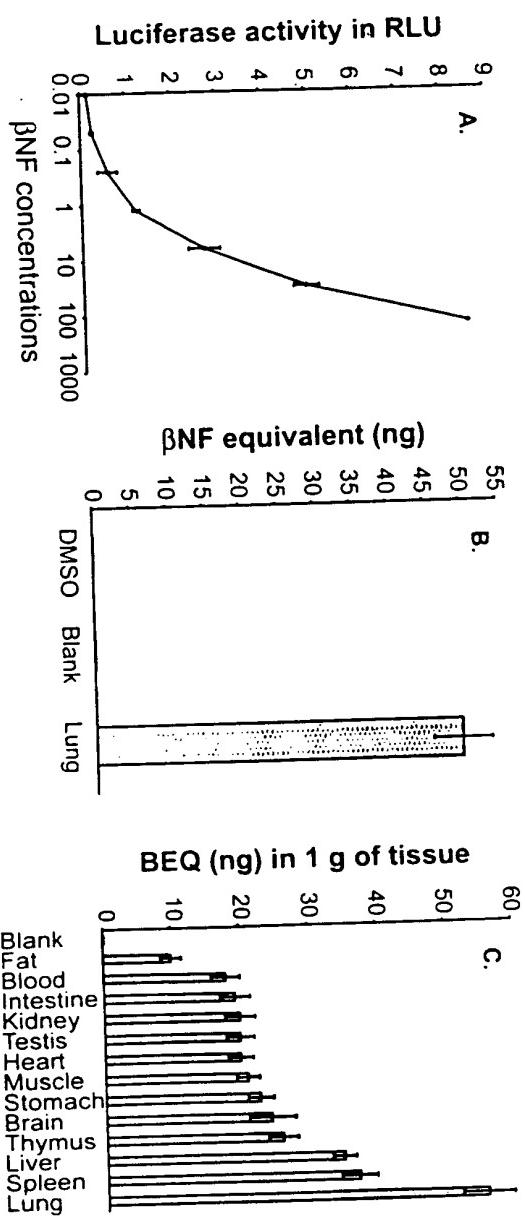
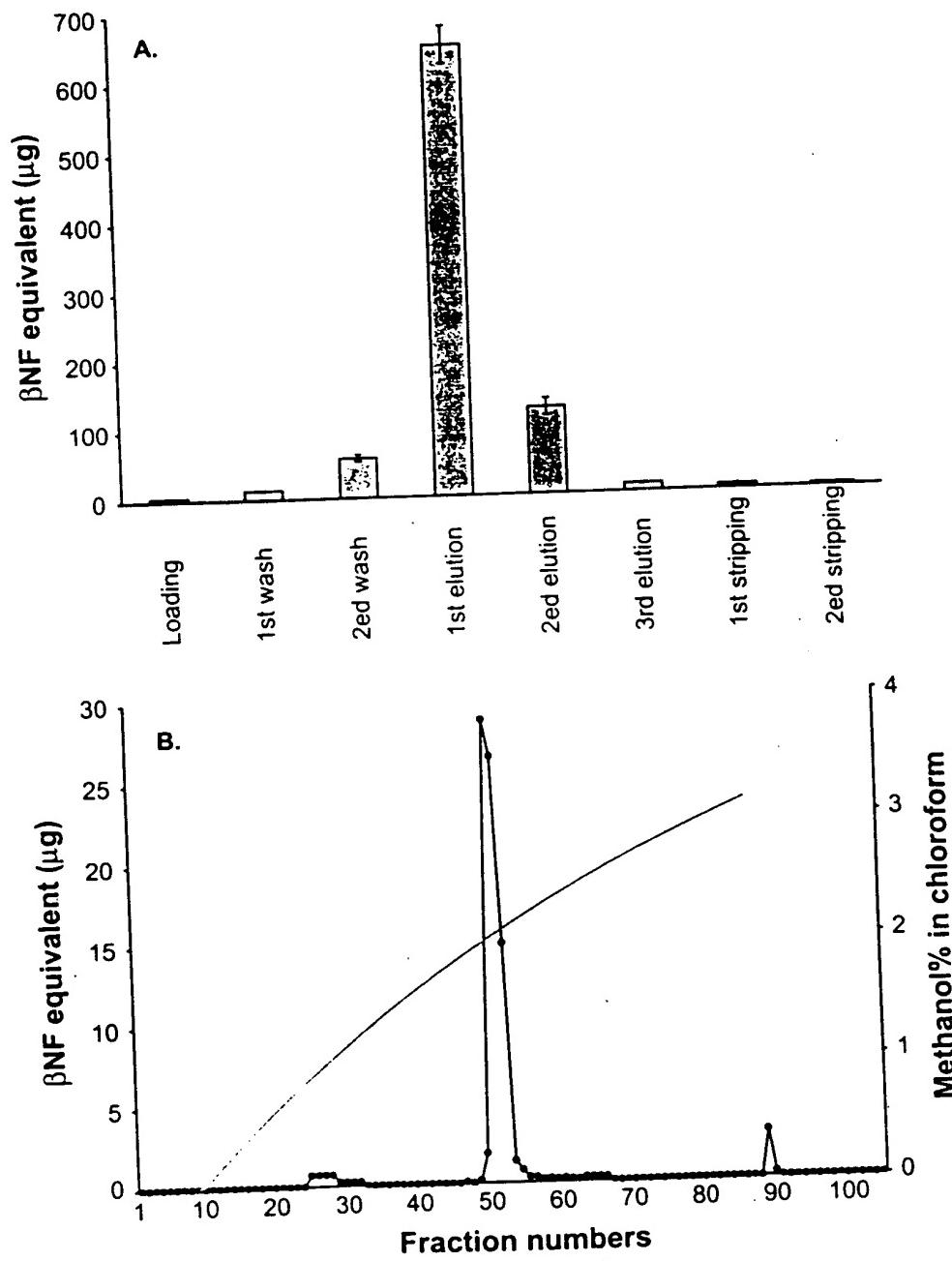
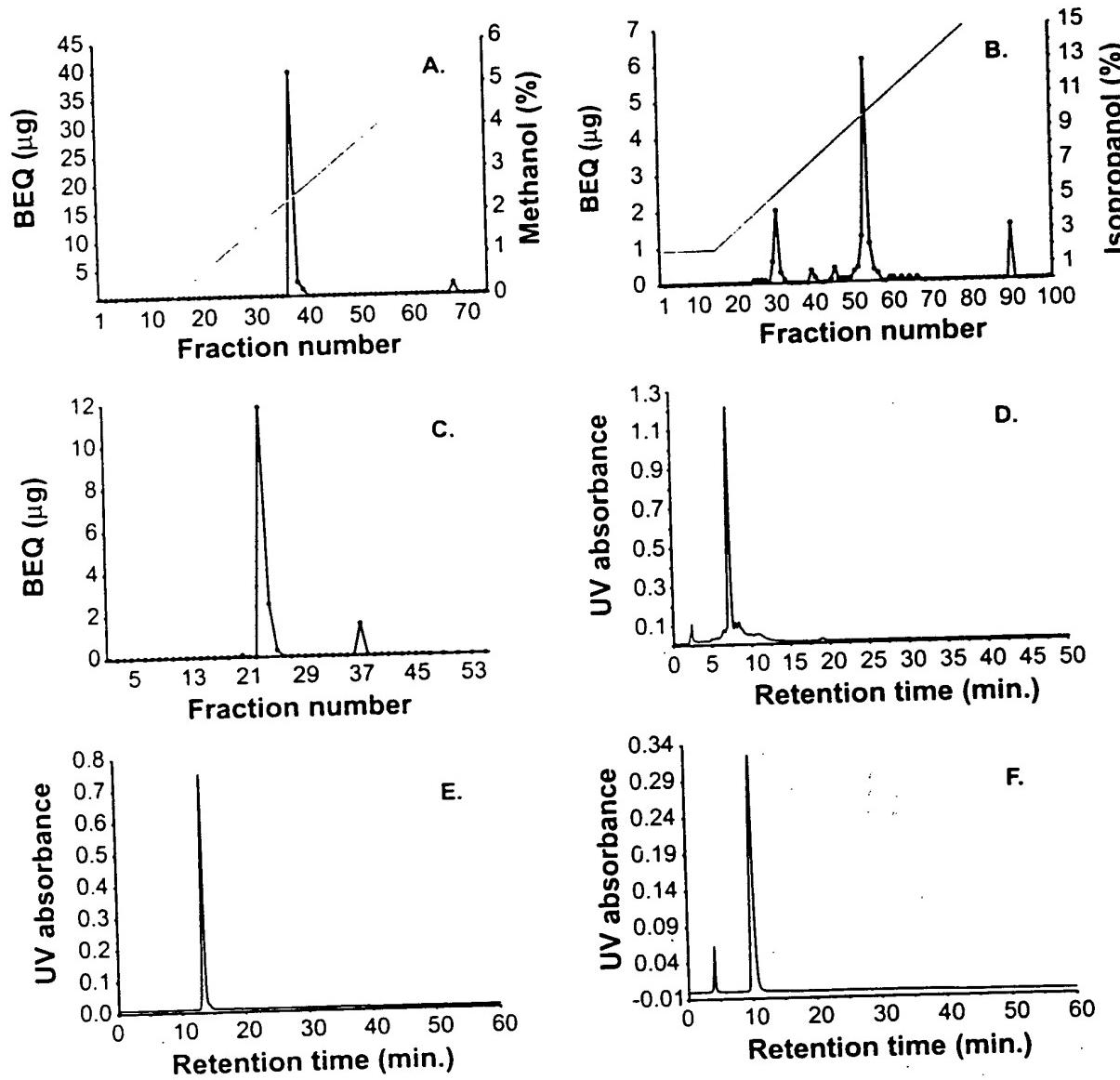


Fig. 2. Preliminary Purification of AhR Ligands



200290 2071200 T

Fig. 3. HPLC Purification of AhR Ligands



2020-2020 2020-2020

Fig. 4. HPLC Chromatogram and UV Spectrum of the Purified AhR Ligand

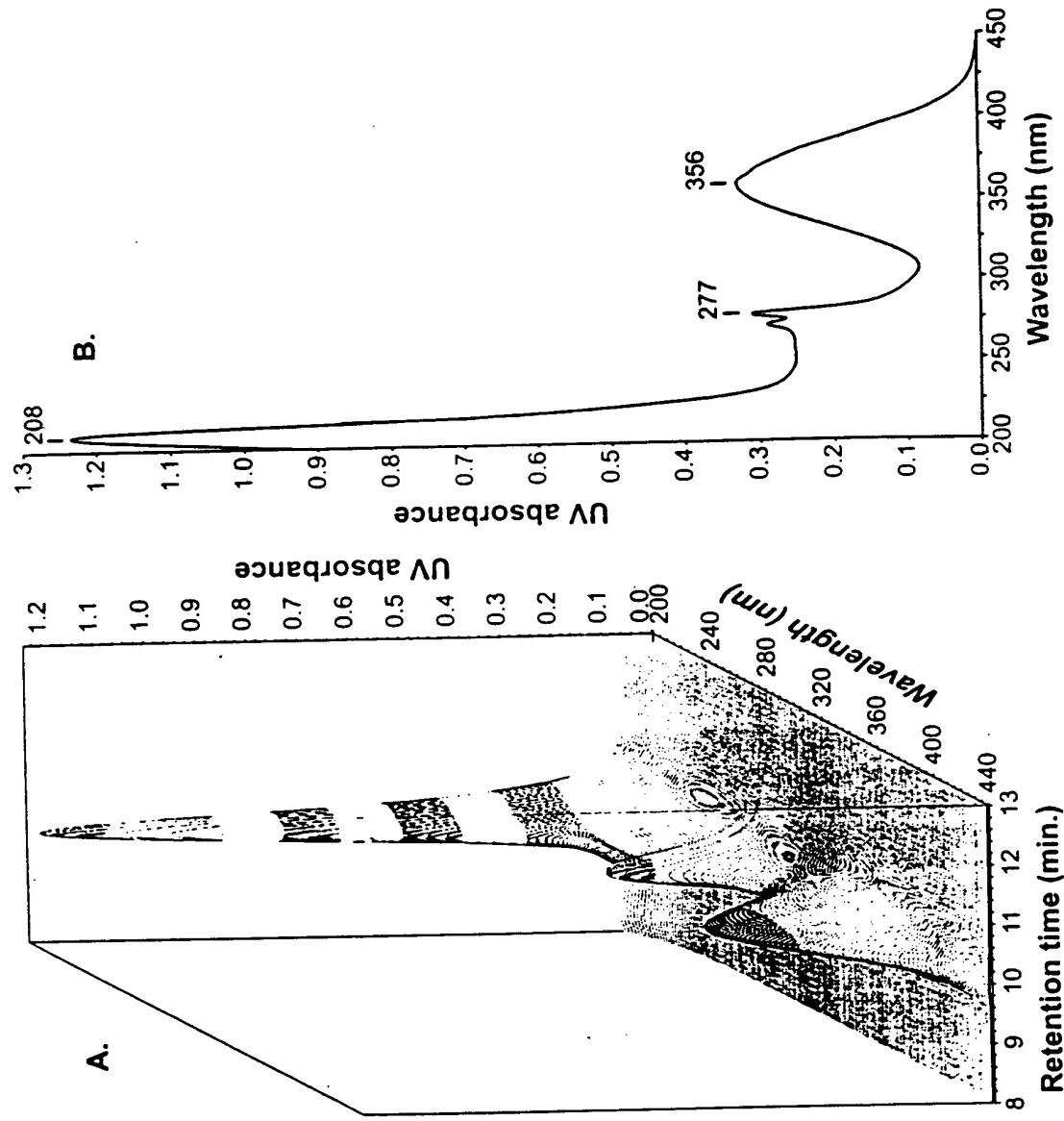


Fig. 5. Electron Impact Mass and FT-IR Spectra

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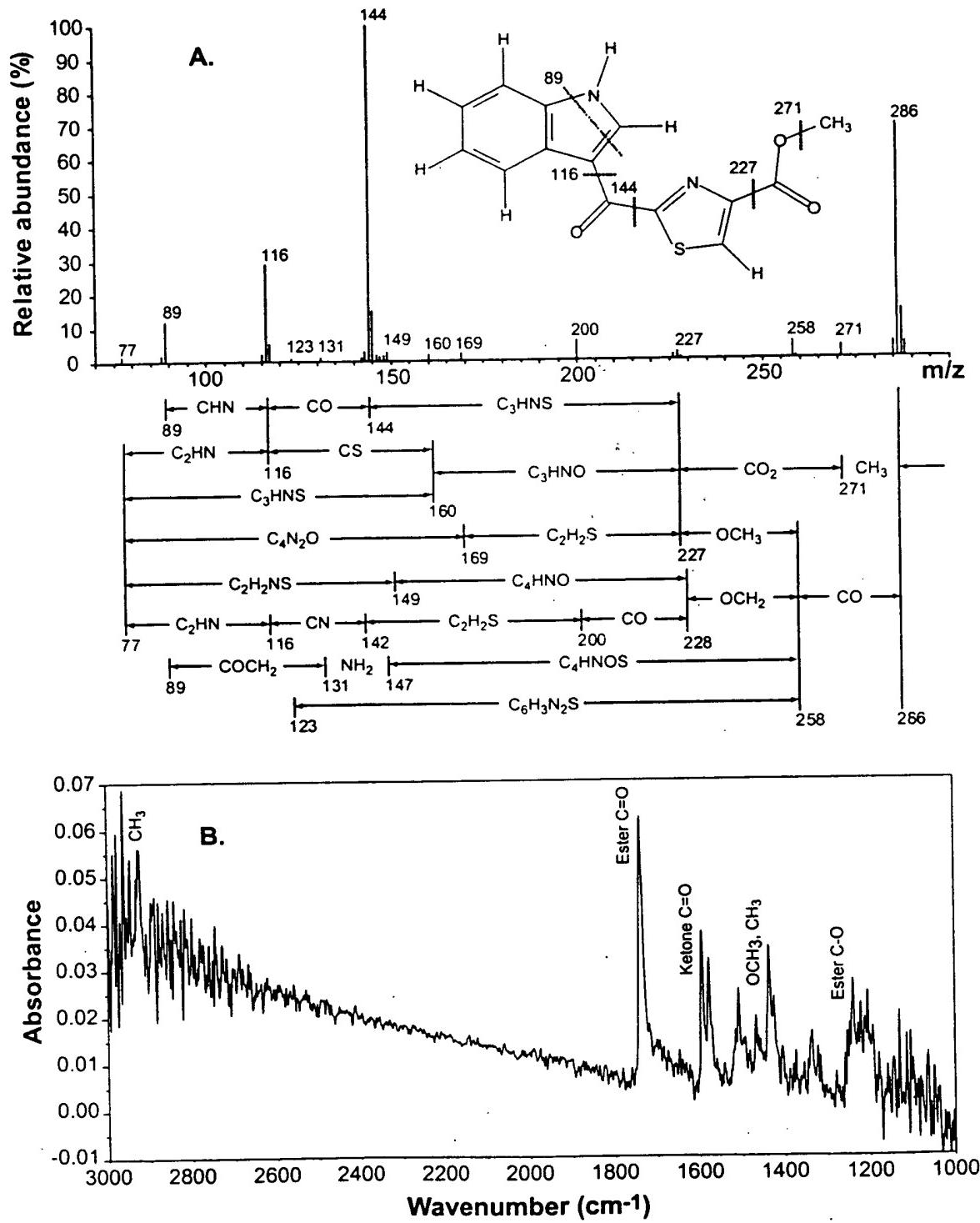
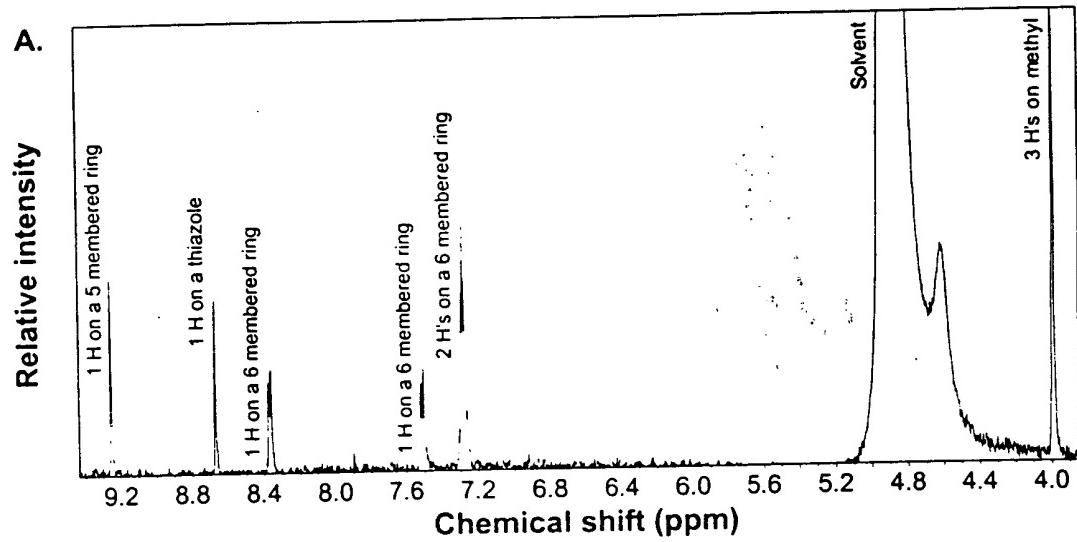


Fig. 6. Proton NMR Spectrum and Proton-carbon-13 Correlation



B.	^1H (ppm)	Number of ^1H	HSQC ^{13}C (ppm)	HMBC		
				^{13}C (ppm)	^{13}C (ppm)	^{13}C (ppm)
	3.99	3	54.50	165.00		
	7.27	1	125.10			
	7.28	1	126.15			
	7.50	1	114.45	125.10	129.50	
	8.36	1	124.25	126.15	139.50	
	8.67	1	135.25	150.10	173.10	
	9.25	1	141.05	115.10	129.50	139.50

Fig. 7. The Structure of ITE and Dose Responses of ITE and β NF

